RECLAMATION

Managing Water in the West

MT DROUGHT ADVISORY COMMITTEE MEETING

RESERVOIR AND RIVER OPERATIONS

August 16, 2007

U.S. Department of the Interior
Bureau of Reclamation

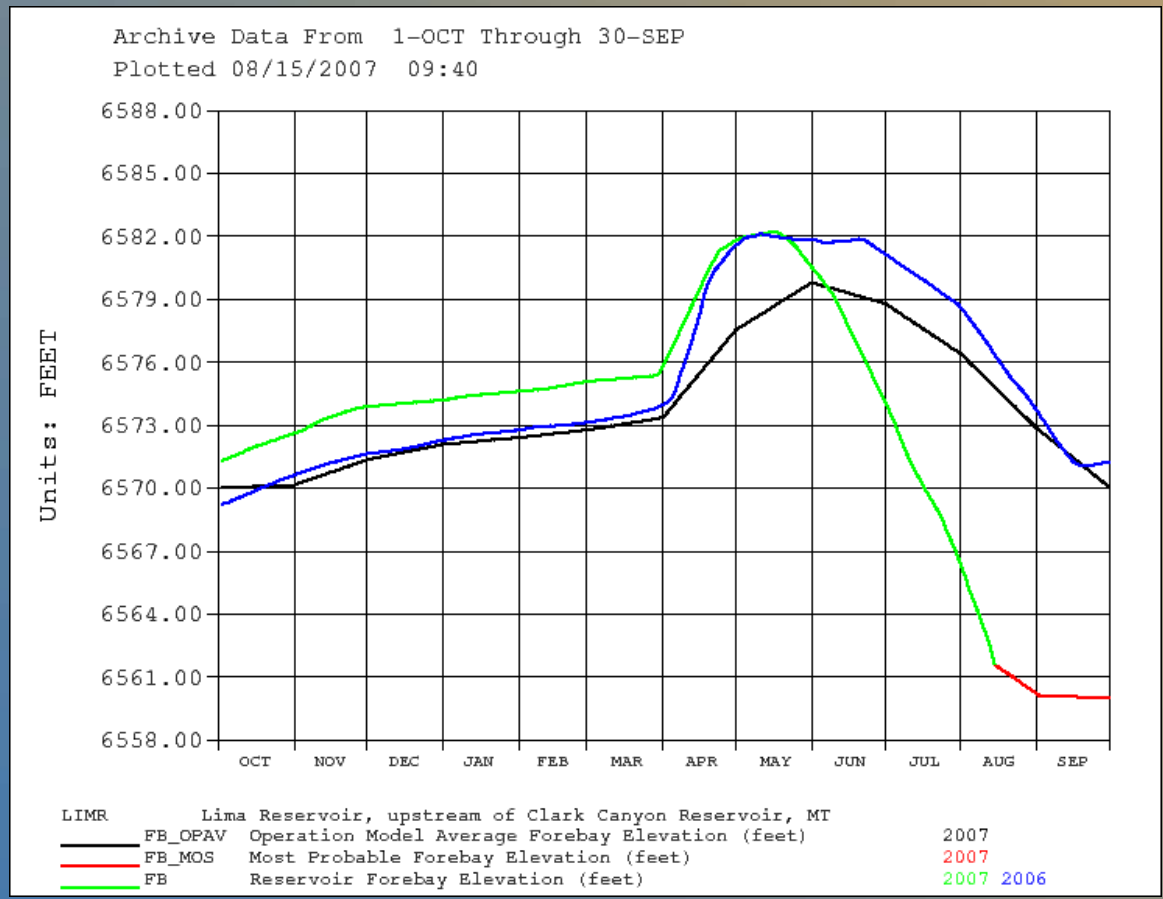
Lima Reservoir

July-August inflow is near the lowest of record at essentially 0 and continues to remain well below normal

Storage @ 13,100 af - 29% of average & 15% of full capacity

Since mid-May, storage has declined dramatically to meet irrigation demands

Water supply outlook is poor but water users should have received a full water supply in 2007



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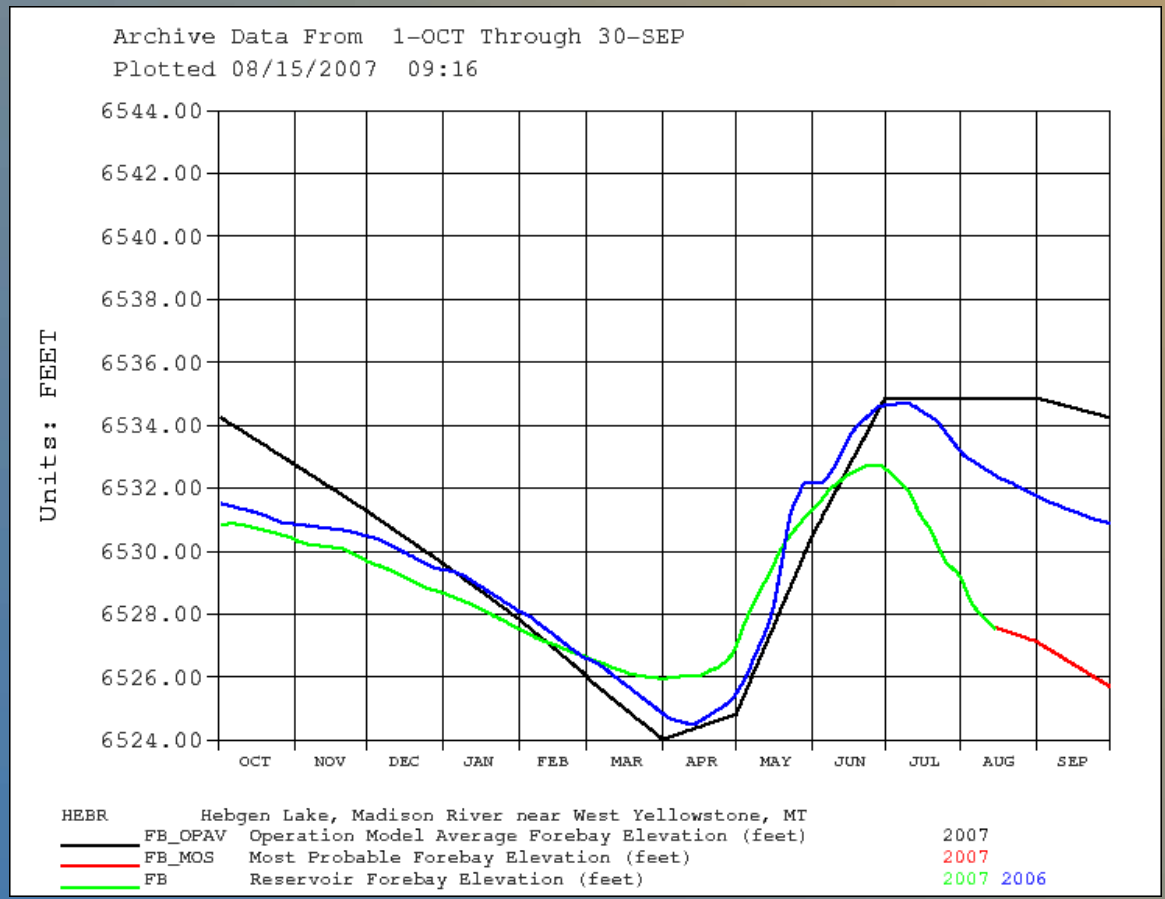
Hebgen Reservoir (PPL-MT)

- July-August inflow is near the lowest of record at 64% of average and continues to remain well below normal
- Storage @ 298,200 af - 77% of average & 77% of full capacity
- Currently releasing 825 cfs to the Madison River
- Pulse flows have been implemented much of the summer to control river temperatures
- Water supply outlook is poor as year-end storage will be at critically low levels



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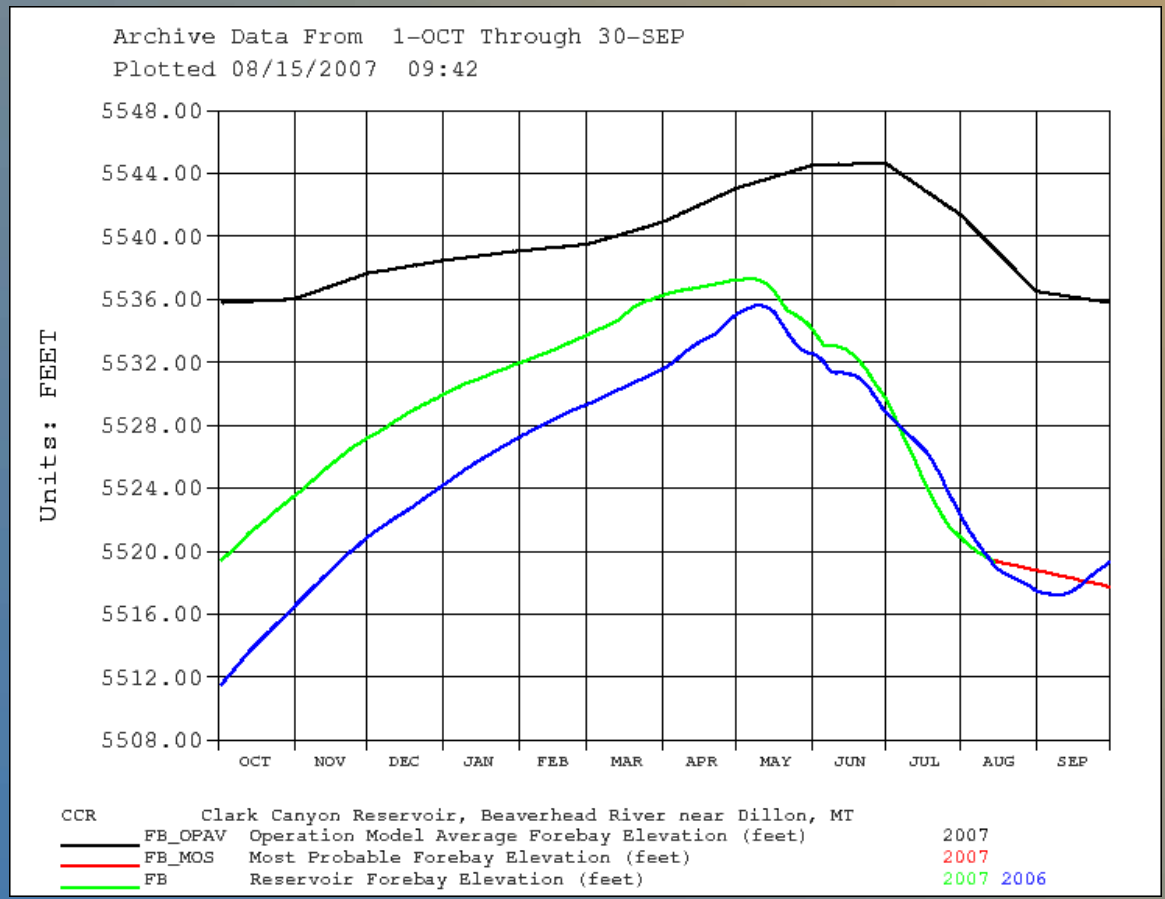
Clark Canyon Reservoir

- July-August inflow is the 9th lowest of record at 53% of average and continues to remain well below normal
- Storage @ 64,400 af - 46% of average & 37% of full capacity
- Releases maintained at 325 cfs to meet irrigation demands
- Water supply outlook is poor as year-end storage will be at critically low levels
- Water users have received slightly reduced water allotments in 2007



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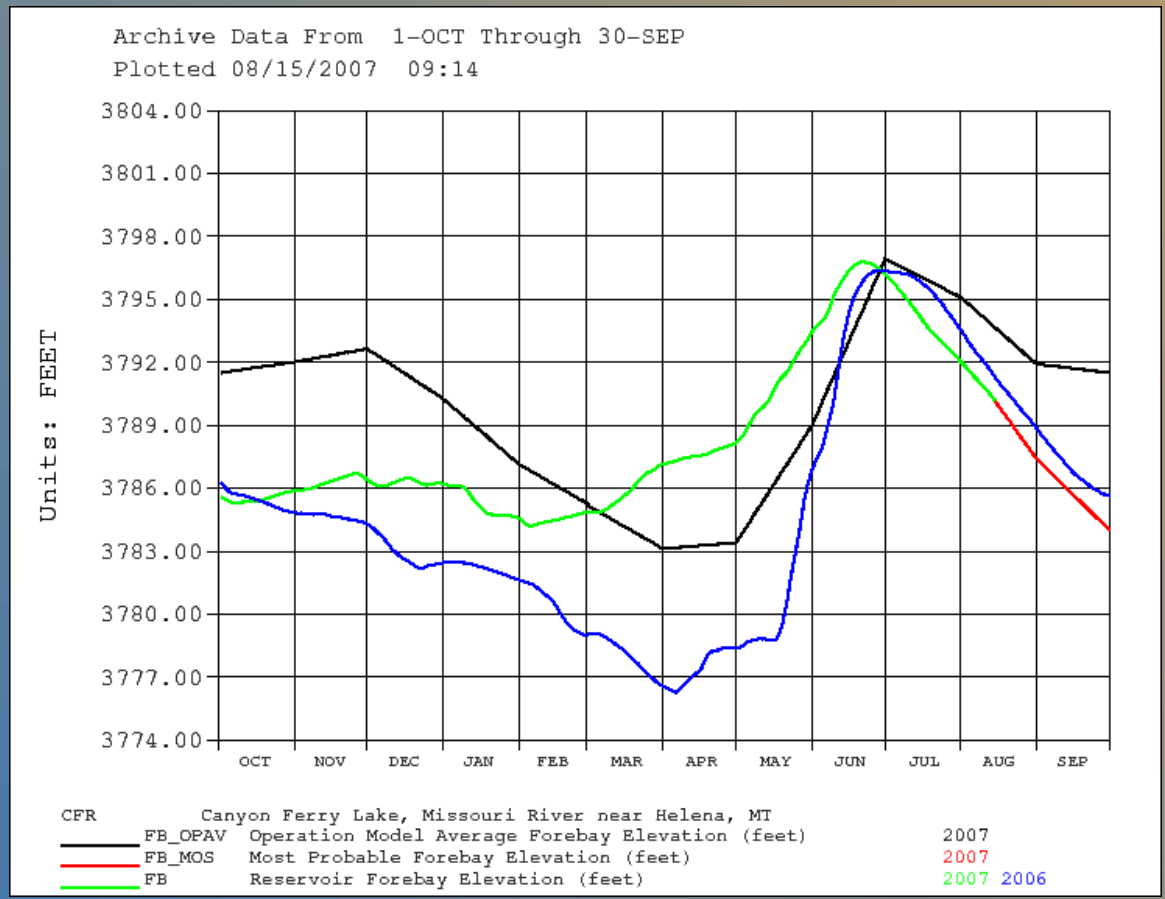
Canyon Ferry Reservoir

- July-August inflow is the 4th lowest of record at 37% of average and continues to remain well below normal
- Storage @ 1,669,700 af - 94% of average & 88% of full capacity
- Releases are being maintained at 3,500 cfs below Holter Dam
- Operations are expected to mimic those last year in 2006
- Water supply outlook looks favorable but must continue with conservative releases to protect storage



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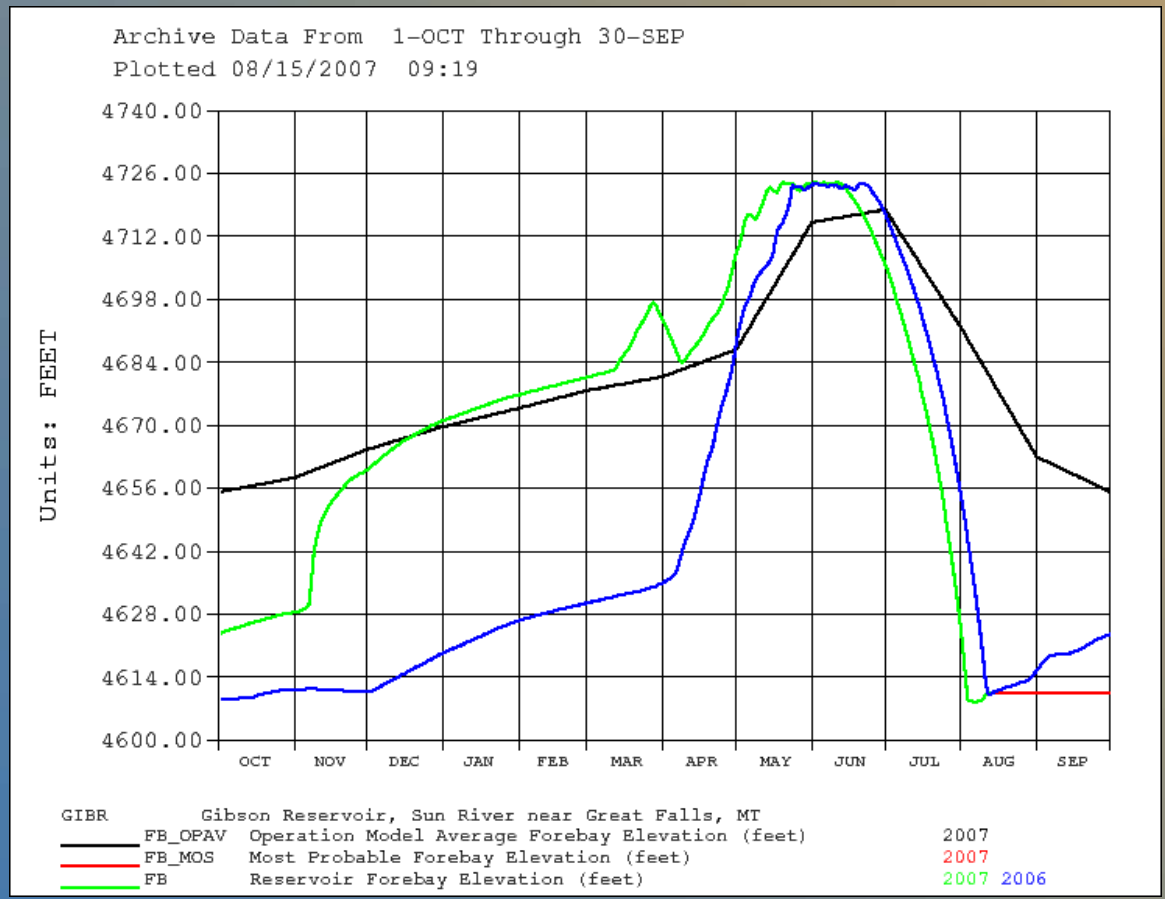
Gibson Reservoir

- July-August inflow was 3rd lowest of record at 46% of average and continues to remain well below normal
- Storage @ 5,500 af - 12% of average & 6% of full capacity
- Total release from Gibson is being maintained at 200 cfs of which 185 cfs is being released to the Sun River
- Releases are being adjusted to meet the irrigation demands
- Even though all reservoirs were full, water users experienced severe water shortages this summer because of the lack of summer precipitation



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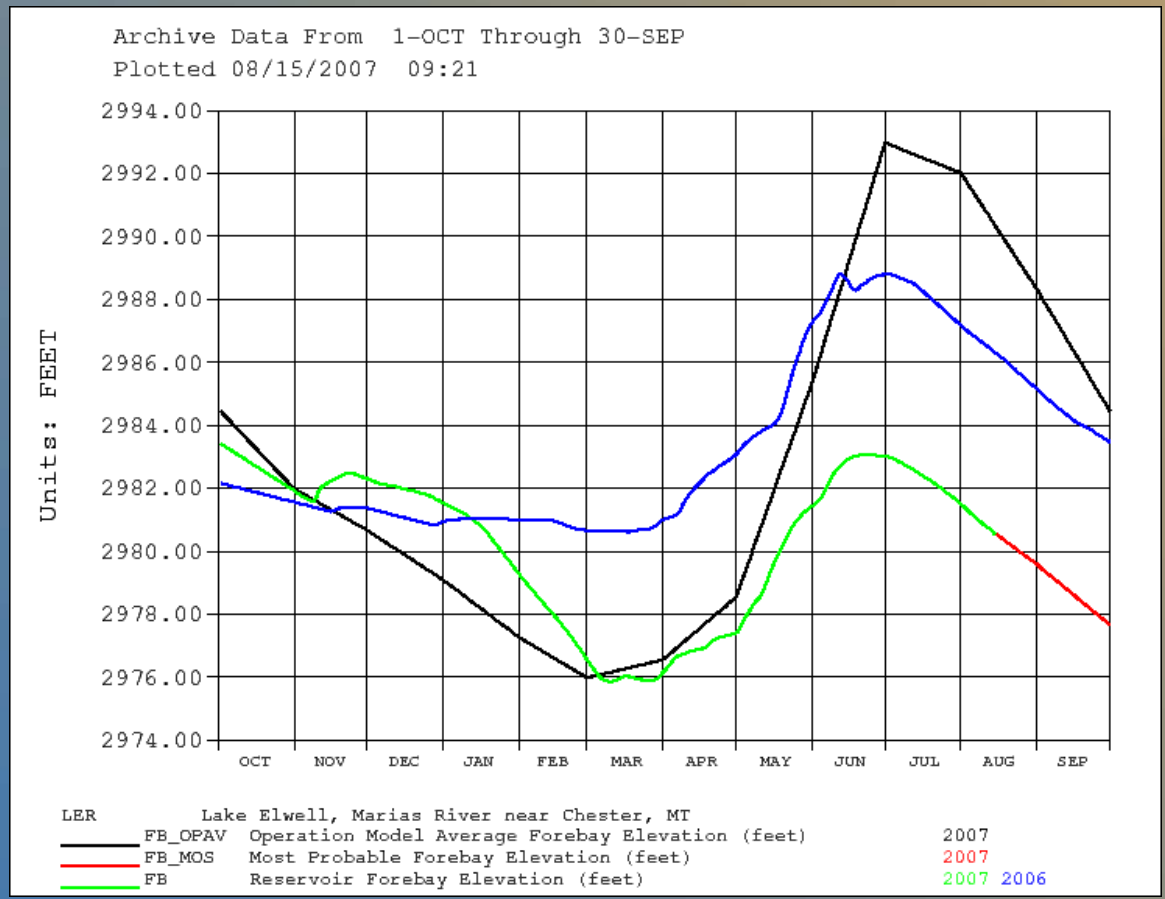
Lake Elwell (Tiber Reservoir)

- July-August inflow is the lowest of record at 4% of average and continues to remain well below normal
- Storage @ 727,400 af - 83% of average & 79% of full capacity
- Releases to the Marias River are being maintained at 400 cfs
- Water supply outook is poor as year-end storage will be at critically low levels, prompting a further reduction in releases to 320 immediately following the irrigation season



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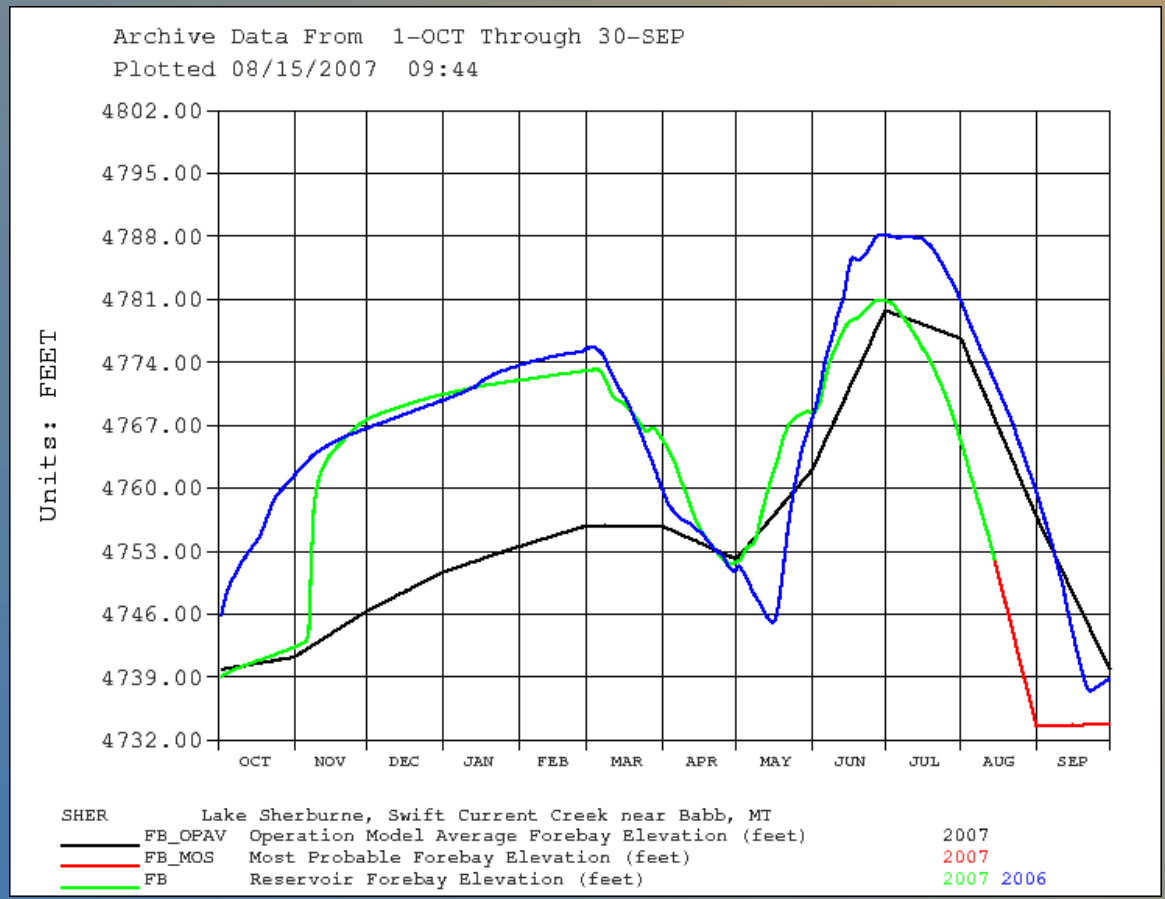
Lake Sherburne

- July-August inflow is the 10th lowest of record at 72% of average and continues to remain well below normal
- Storage @ 18,700 af – 52% of average & 28% of full capacity
- Releases from Lake Sherburne are 565 cfs and diversions from St. Mary River Basin to Milk River Basin is about 585cfs
- Water supply outlook is good & all Milk River water users are expected to receive a full water supply in 2007



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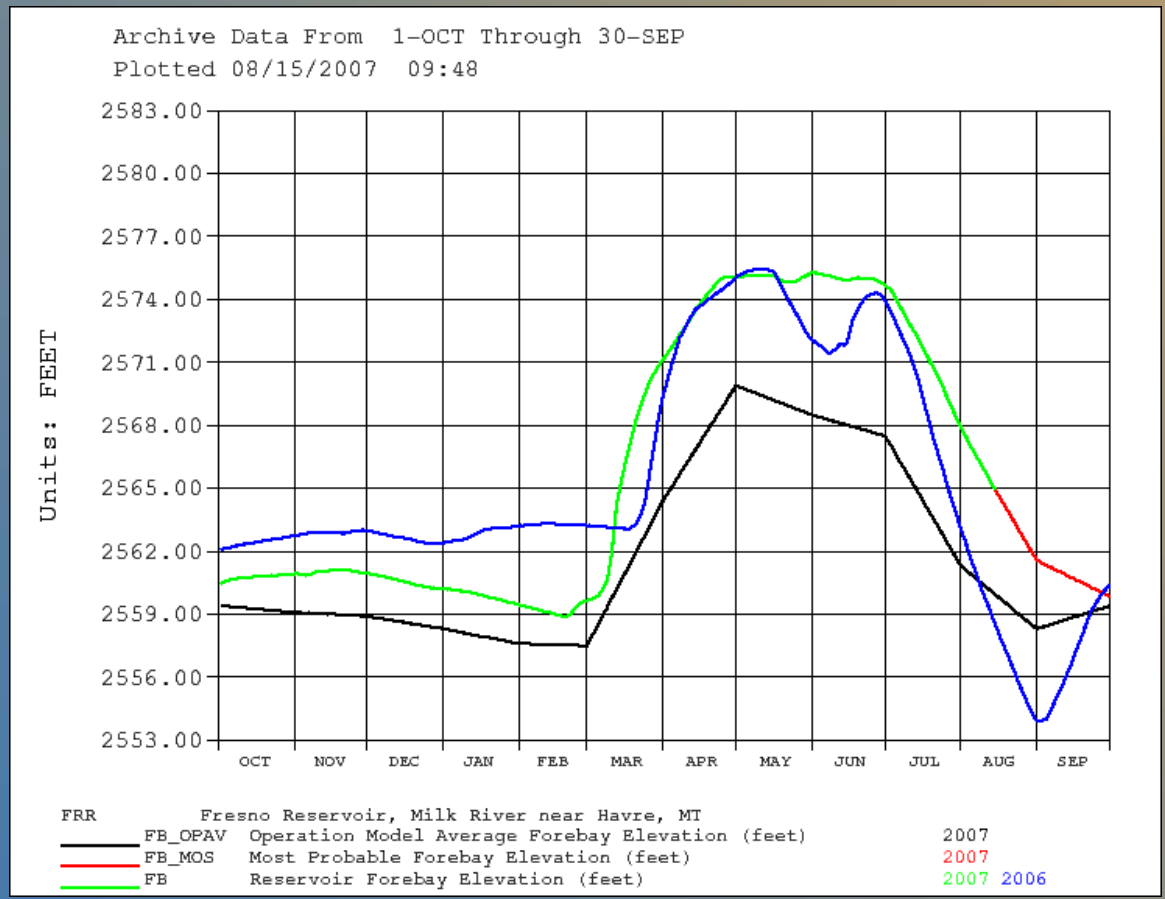
Fresno Reservoir

- July-August inflow is the 6th lowest inflow of record at 72% of average and continues to remain well below normal
- Currently diverting 585 cfs from St. Mary Basin to Milk River
- Storage @ 54,100 af - 132% of average & 58% of full capacity
- As irrigation demands decline, releases are being reduced and are currently being maintained at 750 cfs
- Water supply outlook is good and water users should receive a full water supply in 2007



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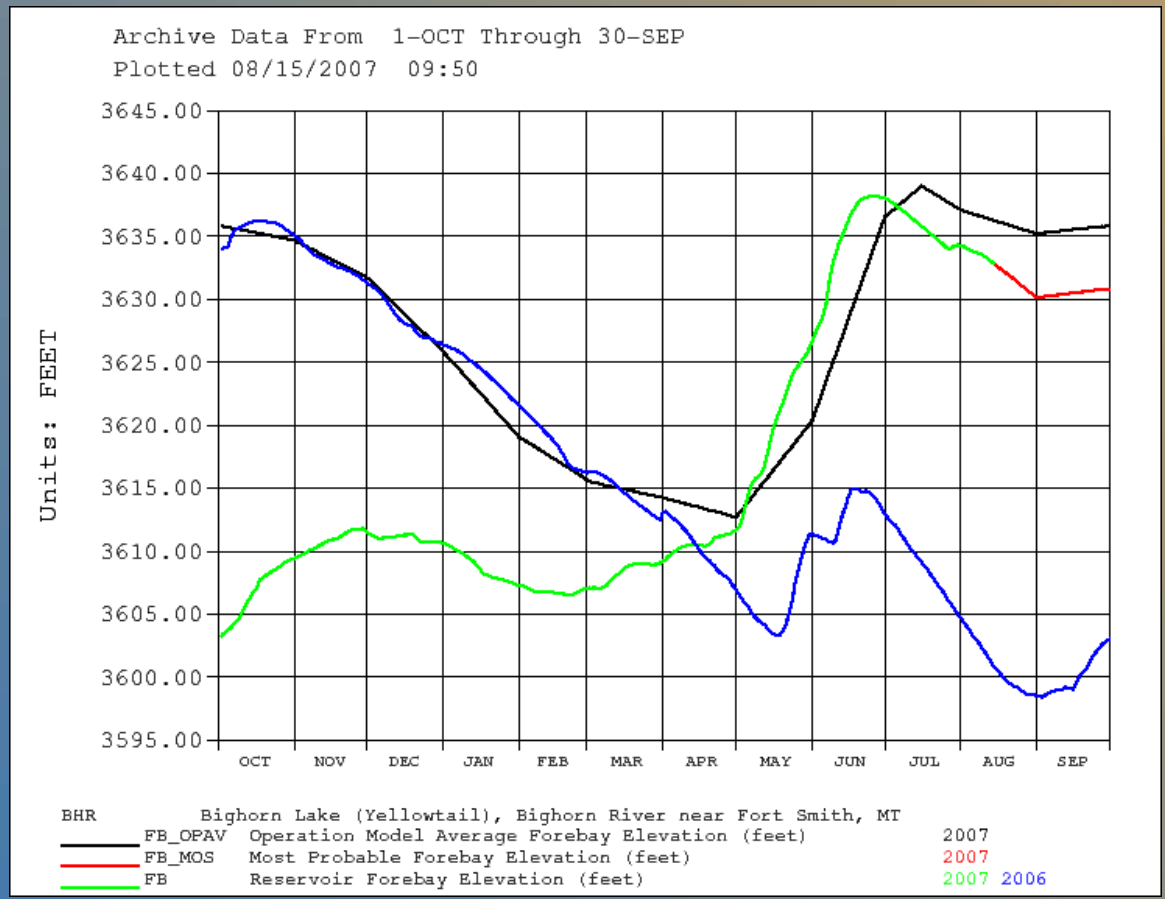
Bighorn Lake (Yellowtail Reservoir)

- July-August inflow is the 8th lowest of record at 63% of average and continues to remain well below normal
- Storage @ 988,100 af - 96% of average & 92% of full capacity
- Releases are being maintained at 1,750 cfs, about 750 cfs below the minimum desired fisher flow of 2,500 cfs
- As Reclamation continues to monitor climatic conditions closely, the present water supply looks favorable for providing higher fall and winter releases



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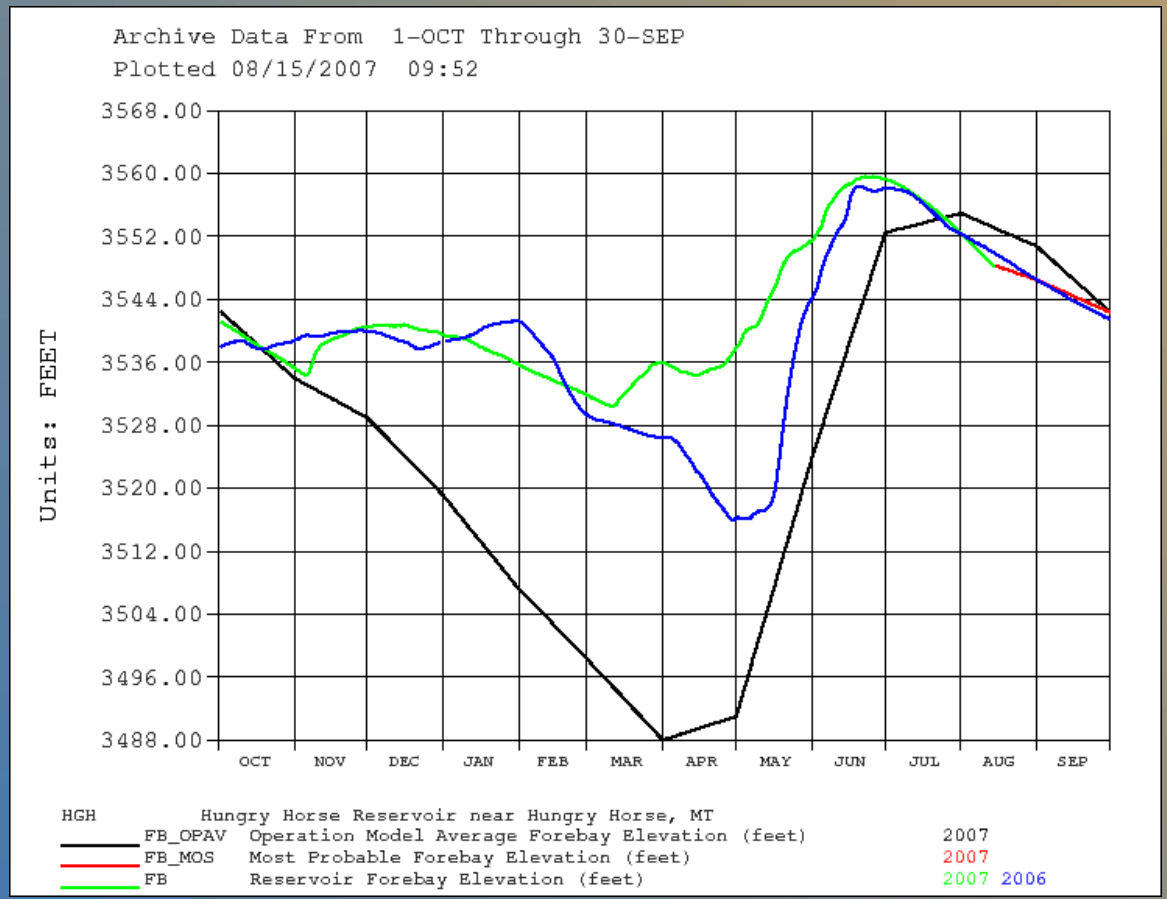
Hungry Horse Reservoir

- **July-August inflows continue to remain well below average**
- **Storage @ 3,191,600 af - 97% of average & 92% of full capacity**
- **Releasing 4,100 cfs to river**
- **Operations were successful in filling Hungry Horse and conservative releases will continue**



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Reservoir Conditions for Reclamation Reservoirs

BUREAU OF RECLAMATION
MONTANA AREA OFFICE
RESERVOIR OPERATIONS REPORT
14-Aug-2007
ALL CONTENTS IN ACRE-FEET

				RESERVOIR CONDITIONS							WATER SUPPLY OUTLOOK						
				ELEVATION (FEET)		CAPACITY (ACRE-FEET)		2007			MTN. SNOW WATER CONTENT (INCHES)				AUGUST RUNOFF AUGUST 1st FORECAST		
RESERVOIR NAME	NORMAL FULL POOL	TOTAL CAPACITY	AVERAGE CAPACITY	2006	2007	2006	2007	% FULL	% OF AVG	% OF Last Yr	2006	2007	AVG	% OF AVG	(KAF)	AVG	% OF AVG
CLARK CANYON	5546.10	174,368	140,039	5519.06	5519.30	63,679	64,372	37	46	101	0.00	0.07	0.00	0	N.A.	N.A.	N.A.
CANYON FERRY	3797.00	1,891,888	1,782,072	3791.31	3790.19	1,705,627	1,669,691	88	94	98	0.00	0.06	0.01	1068	N.A.	N.A.	N.A.
GIBSON	4724.00	96,477	45,936	4610.75	4610.65	5,556	5,525	6	12	99	0.00	0.10	0.00	0	N.A.	N.A.	N.A.
PISHKUN	4370.00	46,670	36,237	4362.09	4357.67	35,400	29,987	64	83	85	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
WILLOW CREEK	4142.00	32,300	21,143	4133.86	4126.87	20,711	13,165	41	62	64	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
LAKE ELWELL	2993.00	925,648	878,393	2986.32	2980.54	811,931	727,346	79	83	90	0.00	0.05	0.00	0	N.A.	N.A.	N.A.
SHERBURNE	4788.00	67,854	35,877	4771.86	4751.97	41,159	18,713	28	52	45	0.00	0.05	0.00	0	N.A.	N.A.	N.A.
FRESNO	2575.00	92,880	41,134	2558.57	2564.95	37,981	54,097	58	132	142	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
NELSON	2221.60	78,951	54,578	2212.72	2215.48	45,766	54,954	70	101	120	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
BIGHORN LAKE	3640.00	1,070,029	1,025,141	3600.80	3632.86	749,010	988,144	92	96	132	0.00	0.04	0.00	0	N.A.	N.A.	N.A.

		Inflow		Change From A Year Ago				Feet								
RESERVOIR NAME		Current	% of Avg	Elevation		Capacity		to Fill								
CLARK CANYON		161	51		0.24		693		26.80							
CANYON FERRY		1,327	59		-1.12		-35,936		6.81							
GIBSON		241	63		-0.10		-31		113.35							
PISHKUN		654	N.A.		-4.42		-5,413		12.33							
WILLOW CREEK		34	N.A.		-6.99		-7,546		15.13							
LAKE ELWELL		7	3		-5.78		-84,585		12.46							
SHERBURNE		69	52		-19.89		-22,446		36.03							
FRESNO		449	92		6.38		16,116		10.05							
NELSON		148	N.A.		2.76		9,188		6.12							
BIGHORN LAKE		1,392	55		32.06		239,134		7.14							

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Summary of Operations of Reclamation Projects

- July-August inflows to Reclamation reservoirs were at or near record low levels and continue to remain at well below average levels.
- Reservoir storages vary from 12% of average @ Gibson to 132% of average at Fresno.
- Reclamation reservoir storages are in generally good shape for this time of year with the exception of Clark Canyon on the Beaverhead River and & Gibson on the Sun River. These reservoirs will be at critically low levels by the end of the irrigation season.
- With the exception of the Beaverhead and Sun River watersheds, Reclamation water users experienced good water supplies this year.
- Water users in the Sun River watershed experienced water shortages in early August.
- Water users in the Beaverhead River basin operated with slightly reduced allotments in 2007.